

# Watershed Restoration - Interagency -- No. 809342

Category  
Agency  
Planning Area  
Relocation Impact

Conservation of Natural Resources  
Environmental Protection  
Colesville-White Oak  
None

Date Last Modified  
Required Adequate Public Facility

January 6, 2006  
NO

## EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY05	Est. FY06	Total 6 Years	FY07	FY08	FY09	FY10	FY11	FY12	Beyond 6 Years
Planning, Design and Supervision	2,665	2,265	35	365	30	0	0	175	100	60	0
Land	240	0	165	75	0	0	0	0	75	0	0
Site Improvements and Utilities	214	0	214	0	0	0	0	0	0	0	0
Construction	1,748	0	398	1,350	960	0	0	0	0	390	0
Other	1	1	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>4,868</b>	<b>2,266</b>	<b>812</b>	<b>1,790</b>	<b>990</b>	<b>0</b>	<b>0</b>	<b>175</b>	<b>175</b>	<b>450</b>	<b>0</b>

## FUNDING SCHEDULE (\$000)

G.O. Bonds	682	0	482	200	0	0	0	45	45	110	0
Stormwater Management Waiver Fees	4,186	2,266	330	1,590	990	0	0	130	130	340	0

## ANNUAL OPERATING BUDGET IMPACT (\$000)

Maintenance				140	0	28	28	28	28	28	0
Net Impact				140	0	28	28	28	28	28	0

### DESCRIPTION

This project provides for design and construction of stormwater management retrofit and stream restoration projects which manage stormwater runoff and enhance aquatic habitat and biological resource quality in County streams. The projects are done under interagency agreements with the U.S. Army Corps of Engineers (COE). The first two agreements, which were signed in 1992 and 1997, were limited to subwatersheds within the Anacostia watershed. In FY04, the COE expanded project eligibility to include all County subwatersheds within the Mid-Potomac watershed. The feasibility study, and design and construction of the projects selected in Montgomery County will be managed by the COE with assistance from the Department of Environmental Protection and M-NCPPC.

### Service Area

Anacostia River watershed and Mid-Potomac watershed.

### JUSTIFICATION

This project will improve local stream water quality and protect waterway conditions and enhance wildlife and aquatic habitats in the Montgomery County segments of Sligo Creek, Northwest Branch, Paint Branch, and Little Paint Branch tributaries within the interjurisdictional Anacostia River watershed and in Muddy Branch, Great Seneca and other Mid-Potomac River watersheds. The project supports the goals of the Chesapeake Bay initiatives and the Anacostia Watershed Restoration Agreement, and also addresses County municipal National Pollutant Discharge Elimination System (NPDES) stormwater discharge permit requirements.

### Plans and Studies

"Anacostia River Basin Reconnaissance Study," COE; "Anacostia River and Tributaries District of Columbia and Maryland, Integrated Feasibility Report and Final Environmental Impact Statement," COE, July 1994; and "Anacostia River and Tributaries, District of Columbia and Maryland, Northwest Branch Watershed, Montgomery County, Feasibility Report and Integrated Environmental Impact Statement," July 2000. The Countywide Stream Protection Strategy (DEP 2003) is used to target projects to priority subwatersheds determined based upon stream resource conditions and opportunities to improve or stabilize degraded stream habitat.

### Cost Change

Not applicable.

### STATUS

Phase I includes design of nine projects (five stormwater management retrofit and four stream restoration projects) which will be completed in FY07. Construction of eight projects is complete. A Phase II feasibility study identifying 175 potential stream restoration and stormwater management retrofit projects and providing preliminary design of 20 projects was completed in July 2000. Final designs started in FY02. Construction is expected to start in FY06. A Phase III feasibility study agreement for Muddy Branch and Great Seneca Creek is underway within the facility planning SM project (No. 809319) which will identify individual project sites for inclusion in the project beginning in FY10.

### OTHER

This project is funded through a Federal cost-share agreement, with the Federal government paying for 75 percent of construction costs for projects designed under the Anacostia Phase I Feasibility Study, and 65 percent of construction costs for projects designed under the subsequent two agreements. Expenditures displayed above reflect County payments to COE for design/construction activities.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP																		
<table> <tr> <td>Date First Appropriation</td><td>FY93</td><td>(\$000)</td></tr> <tr> <td>Initial Cost Estimate</td><td></td><td>1,282</td></tr> <tr> <td>First Cost Estimate</td><td></td><td></td></tr> <tr> <td>Current Scope</td><td>FY05</td><td>4,868</td></tr> <tr> <td>Last FY's Cost Estimate</td><td></td><td>4,868</td></tr> <tr> <td>Present Cost Estimate</td><td></td><td>4,868</td></tr> </table>	Date First Appropriation	FY93	(\$000)	Initial Cost Estimate		1,282	First Cost Estimate			Current Scope	FY05	4,868	Last FY's Cost Estimate		4,868	Present Cost Estimate		4,868	<p>Department of Environmental Protection will provide overall project coordination.</p> <p>U.S. Army Corps of Engineers will manage design and construction of projects.</p> <p>M-NCPPC will provide review and coordination.</p> <p>Department of Permitting Services</p> <p>Department of Public Works and Transportation will coordinate on damaged storm drain outfalls in project areas.</p>	<p>See Map on Next Page</p>
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